FIGURE 1a.
Symbol sequence array, fields.
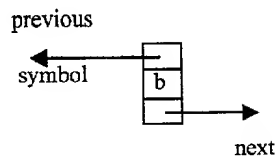
previous

symbol

next

Figure 1b.
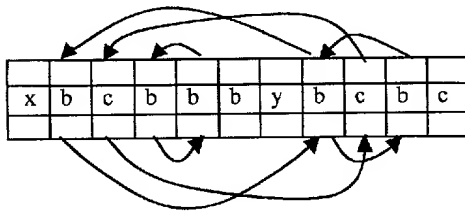Symbol sequence array of symbols xbcbbbybcbc.

Figure 1c.
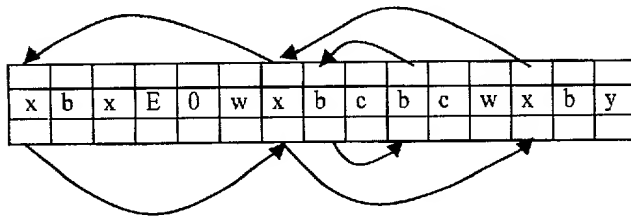The pointers of the pairs xb and bc before the replacement of bc by E.

Figure 1d.
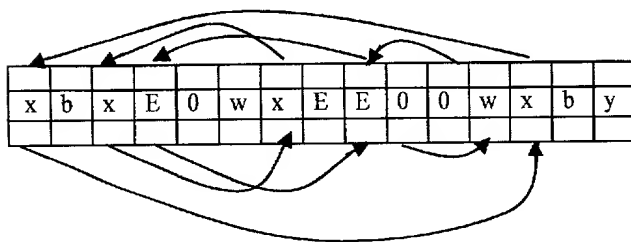The changed pointers after the replacement of bc by E.
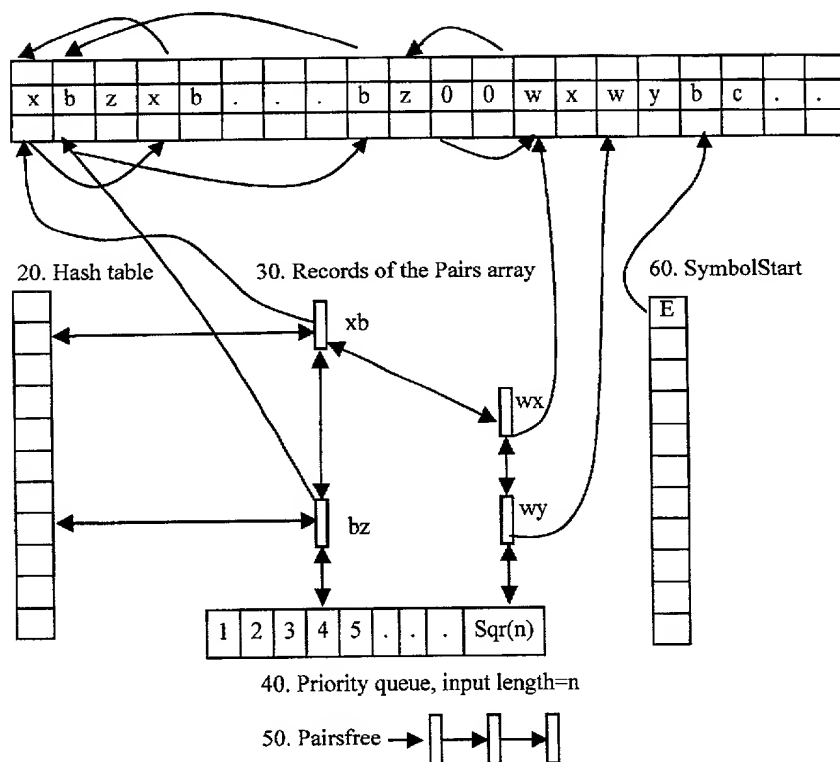
FIGURE 2.
10. Symbol sequence array

| x | b | z | x | b | . | . | . | b | z | 0 | 0 | w | x | w | y | b | c | . | . |

20. Hash table   30. Records of the Pairs array   60. SymbolStart

xb

wx

wy

bz

E

| 1 | 2 | 3 | 4 | 5 | . | . | . | Sqr(n) |

40. Priority queue, input length=n

50. Pairsfree →

FIGURE 3.

Fields of the LeftChanges and RightChanges arrays' records:

First position
Last seen previous position
Number of changes